

Title (en)
DEPOSITION APPARATUS AND METHODS

Title (de)
ABSCHEIDUNGSVORRICHTUNG UND VERFAHREN

Title (fr)
APPAREIL ET PROCÉDÉS DE DÉPÔT

Publication
EP 2971222 A4 20170510 (EN)

Application
EP 14765262 A 20140314

Priority
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Abstract (en)
[origin: WO2014144189A1] A deposition apparatus (20) comprising: a chamber (22); a process gas source (62) coupled to the chamber; a vacuum pump (52) coupled to the chamber; at least two electron guns (26); one or more power supplies (30) coupled to the electron guns; a plurality of crucibles (32,33,34) positioned or positionable in an operative position within a field of view of at least one said electron gun; and a part holder (170) having at least one operative position for holding parts spaced above the crucibles by a standoff height H. The standoff height H is adjustable in a range including at least 22 inches.

IPC 8 full level
C23C 14/22 (2006.01); **C23C 14/24** (2006.01); **C23C 14/30** (2006.01)

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Citation (search report)
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• See also references of WO 2014144189A1

Designated contracting state (EPC)
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EP 2971222 B1 20240424; EP 4379087 A2 20240605; US 10385444 B2 20190820; US 11365473 B2 20220621; US 11725269 B2 20230815;
US 2016060748 A1 20160303; US 2019352768 A1 20191121; US 2022316048 A1 20221006; US 2024052476 A1 20240215

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US 201916527250 A 20190731; US 202217844199 A 20220620; US 202318233582 A 20230814